



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Wednesday, January 2, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



## **Wednesday – Thursday**

- **Snow with travel impacts continues today for parts of S NM.**
- **A winter mix with travel impacts possible over parts of north/central/west TX into OK and NW AR.**
- **Areas of heavy rain/flash flooding across E/SE TX into LA.**

## **Friday – Sunday**

- **No significant weather impacts expected.**

## **River Flooding**

- **Minor to Moderate river flooding continues across E/SE TX and LA/AR. Impacts to secondary roads and farm/ranch areas.**
  - **The Trinity River at Liberty is in major flood stage. Homes in several subdivisions above Liberty may be impacted.**
  - **The Pearl River in SE LA is in moderate flood near Pearl River, LA. Secondary roads and 20 homes are impacted.**

# FEMA Region 6 Threat Matrix

Jan 2, 2019 – Jan 6, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms					
Heavy Rain / Flash Flooding	E/SE TX LA	E/SE TX LA			
Winter Weather	S NM TX/OK	TX/OK/NW AR			
Fire Weather					
River Flooding	E/SE TX S LA	E/SE TX S LA	E/SE TX S LA	E/SE TX S LA	E/SE TX S LA
	AR/N LA	ETX/AR/LA	ETX/AR/LA	ETX/AR/LA	ETX/AR/LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

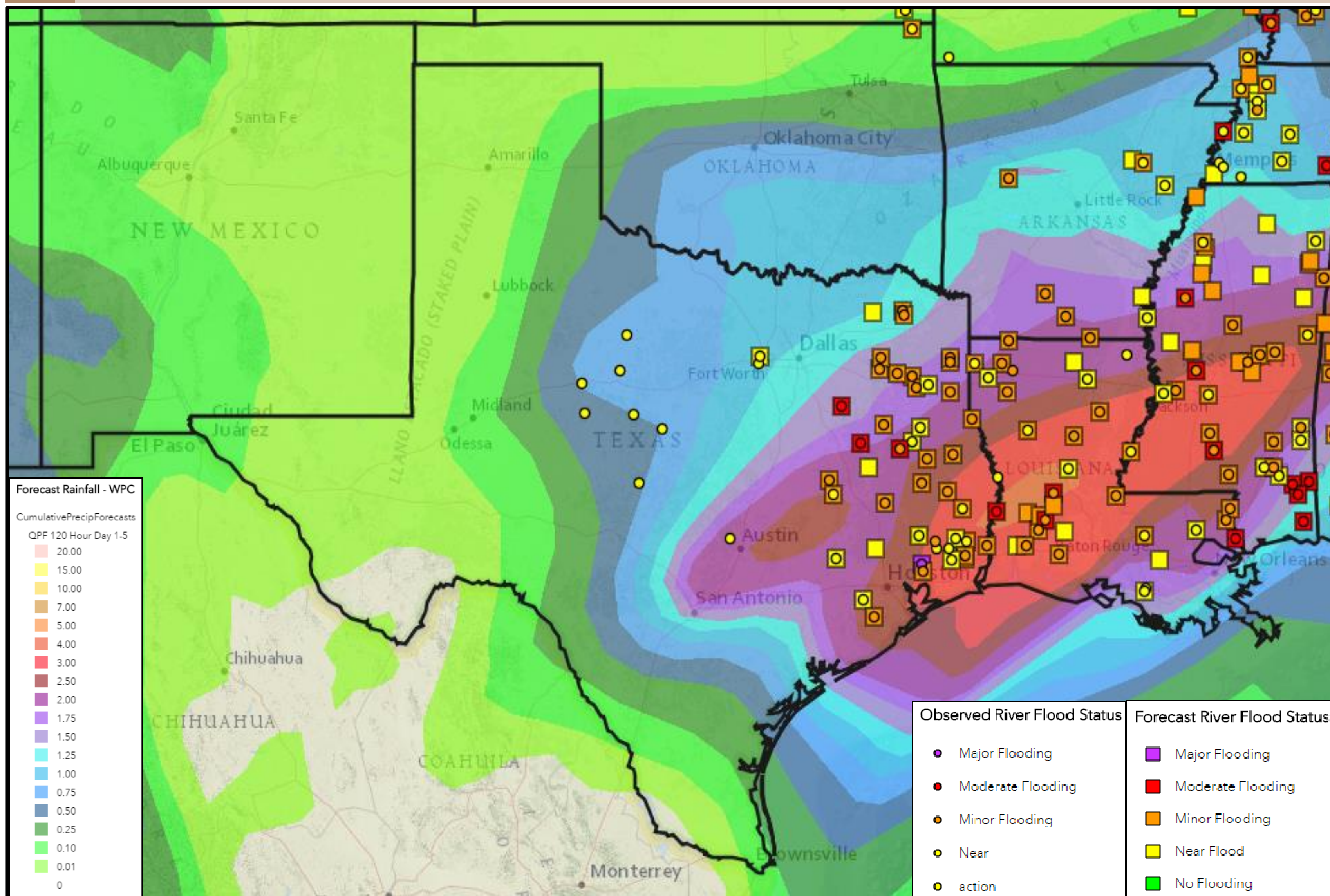


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor to Moderate river flooding continues E TX and LA. Impacts to secondary roads and farm/ranch areas.**

**The Trinity River at Liberty in SE TX will continue to be at major flood stage through this week. Homes in several subdivisions above Liberty may be impacted.**

**The Pearl River in SE LA is in moderate flood near Pearl River, LA. Impacts to secondary roads and 20 homes.**

**Minor river flooding is occurring across AR.**

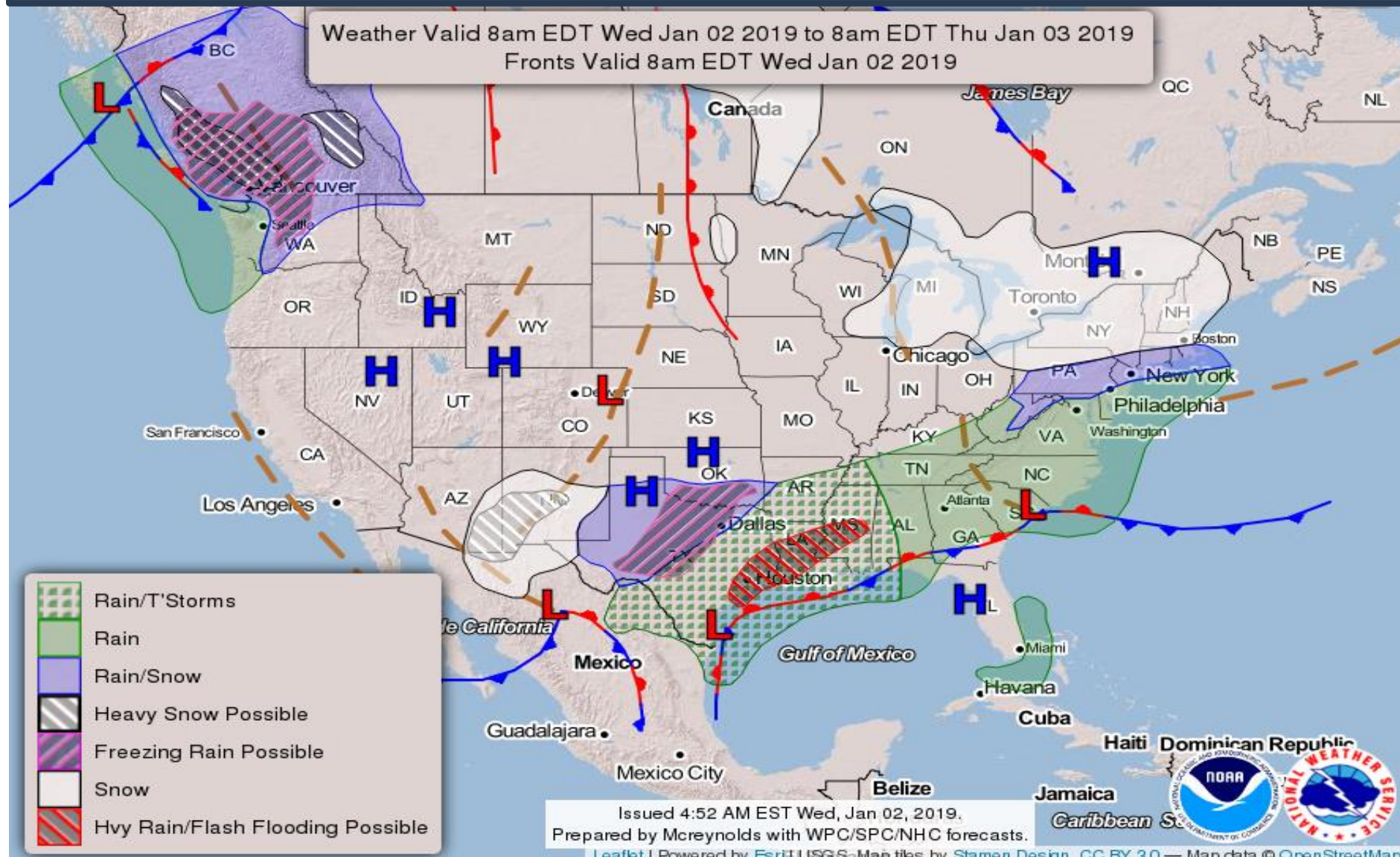


# Today's Weather

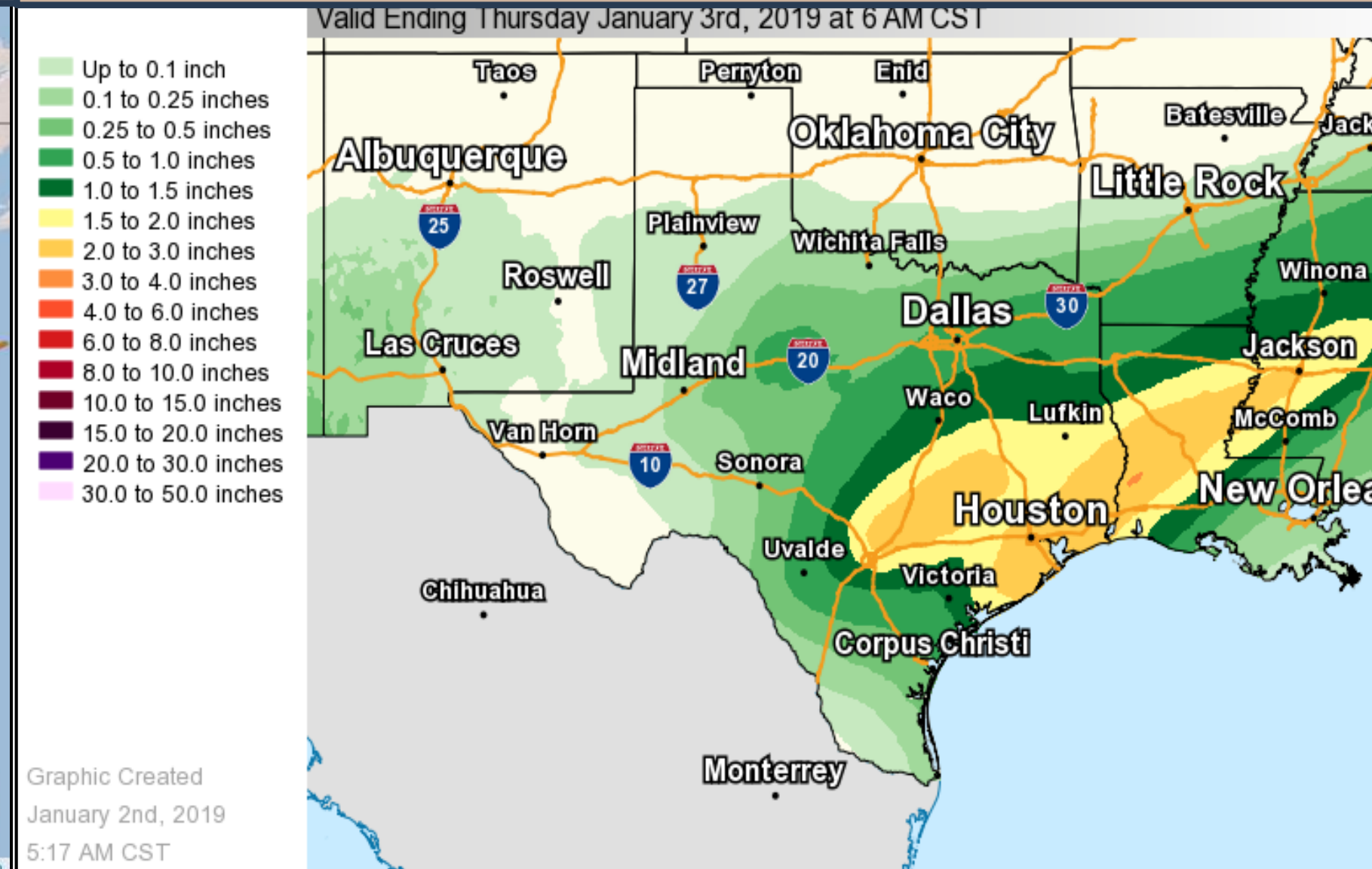


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## Forecast Chart



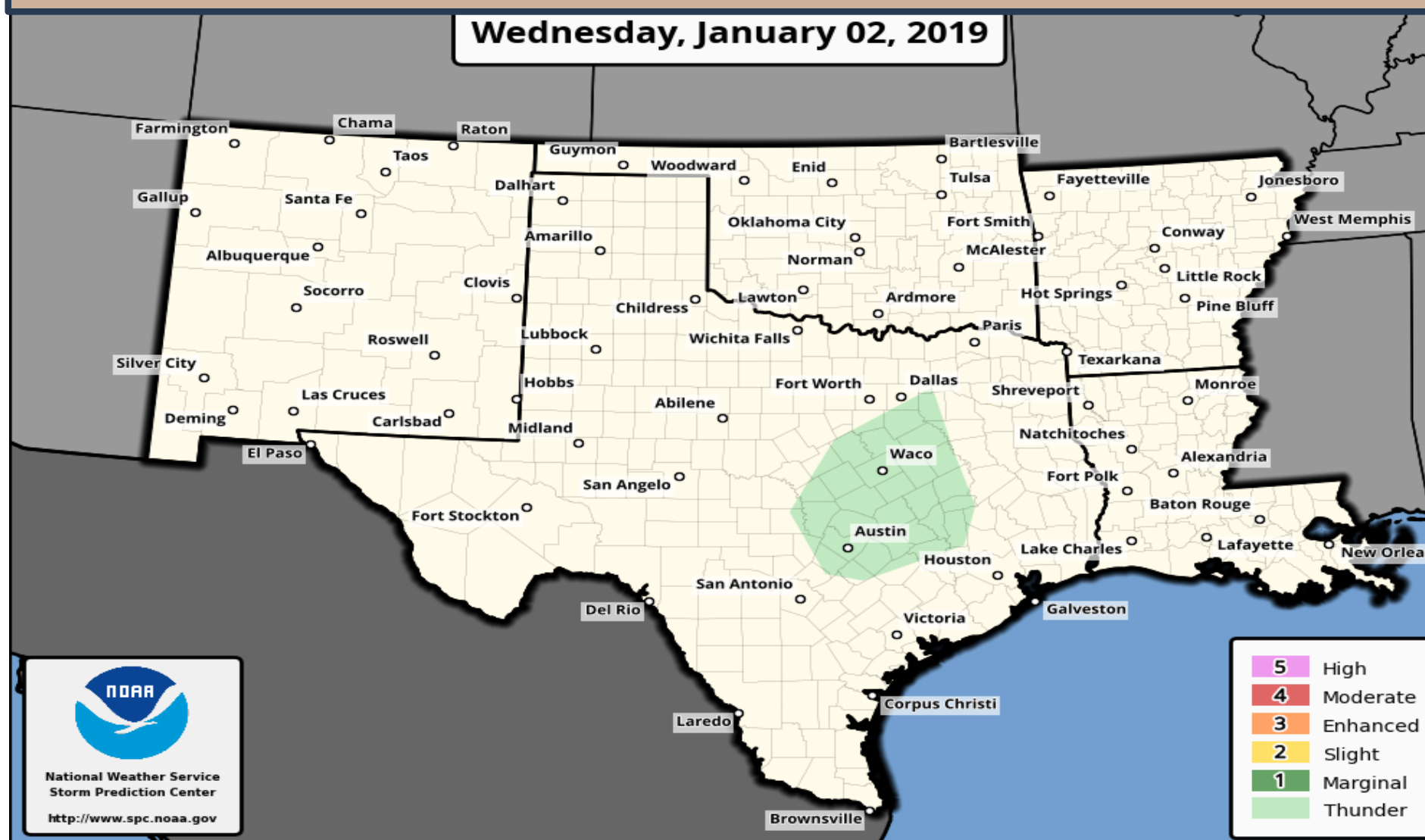
## Forecast Rainfall



**Snow/travel impacts  
across S NM.**

**Winter weather/travel  
impacts possible over  
parts of  
north/central/west TX  
into OK.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



**Areas of heavy rain/flash  
flooding across E/SE TX  
into LA.**



# Watches, Warnings, and Advisories



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## Fire Weather



Graphic Created

## Severe Weather & Flooding



Graphic Created

**Winter Storm Warnings  
and Winter Weather  
Advisories across S NM  
through late today.**

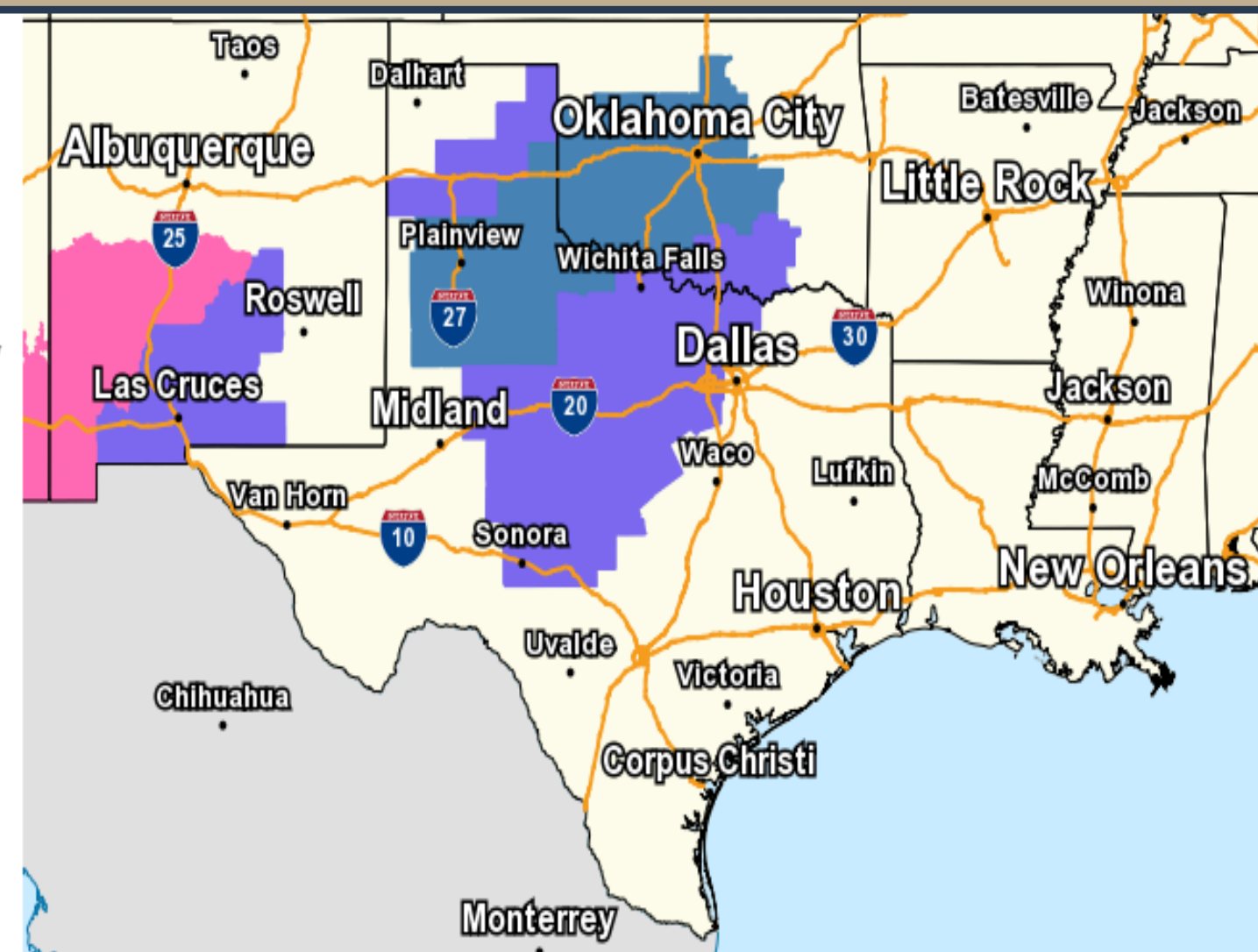
**Winter Storm Watches for  
central/west/southwest OK  
into parts of NW/W TX  
today and tomorrow.**

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created

**Winter Weather  
Advisories in effect for  
West Central and parts of  
N TX today and tomorrow.**

**Flash Flood Watches  
across East/SE TX into LA  
today into tomorrow.**



# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**Winter weather/travel impacts possible across parts of north/central/west TX into OK & NW AR**

**Lingering heavy rainfall/isolated flash flooding is possible across E/SE TX in the morning and across LA throughout the day.**

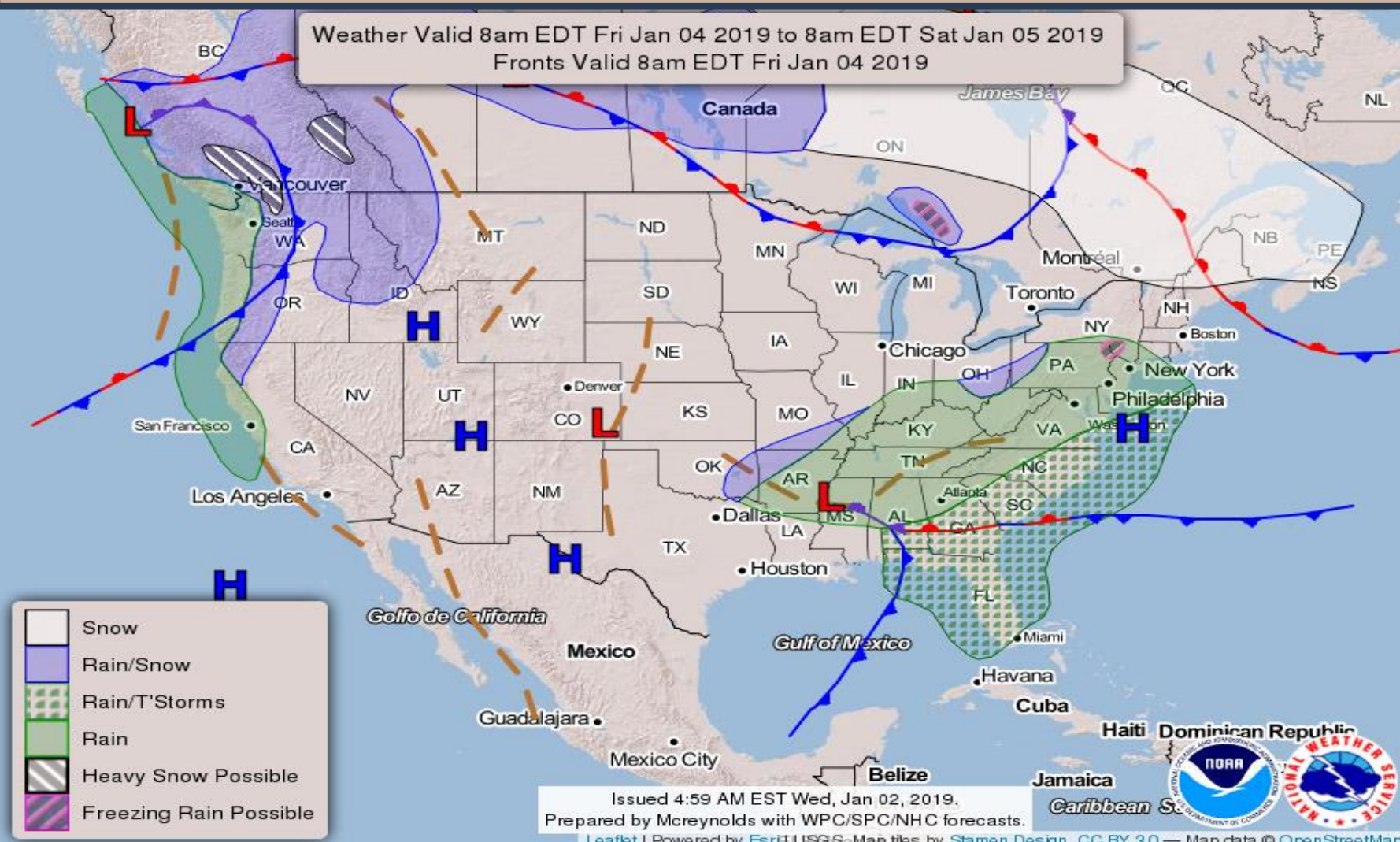
## Severe Weather Outlook

## Excessive Rainfall Outlook

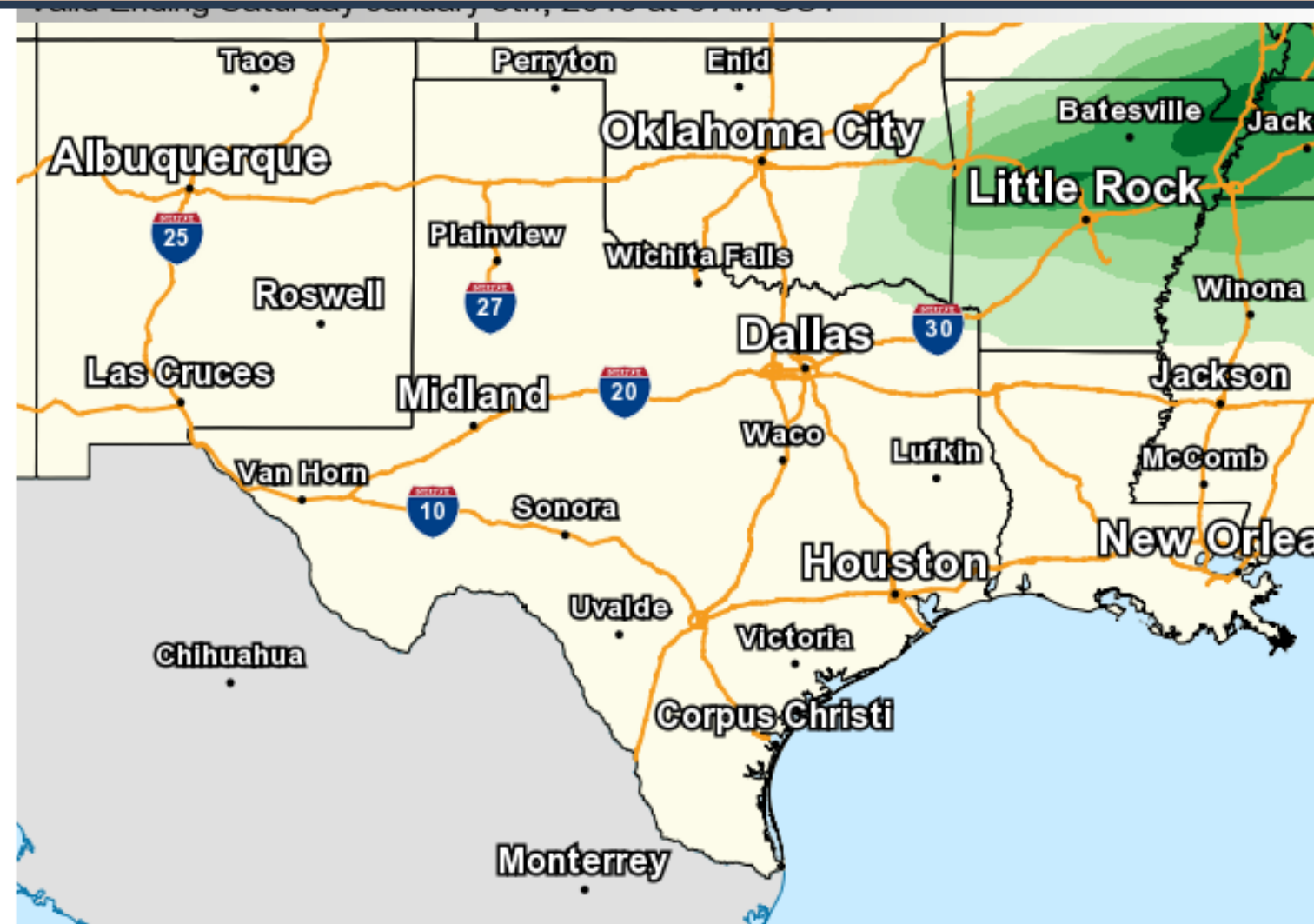
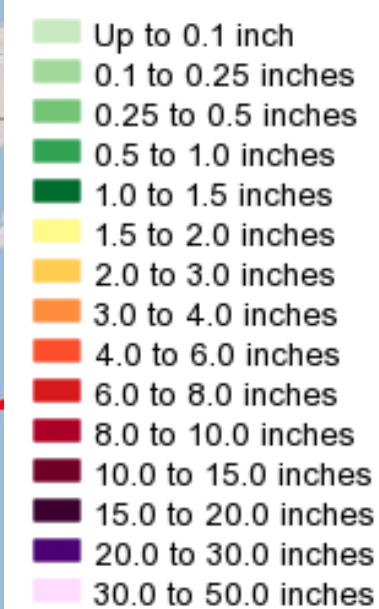


# Friday's Weather

## Forecast Chart



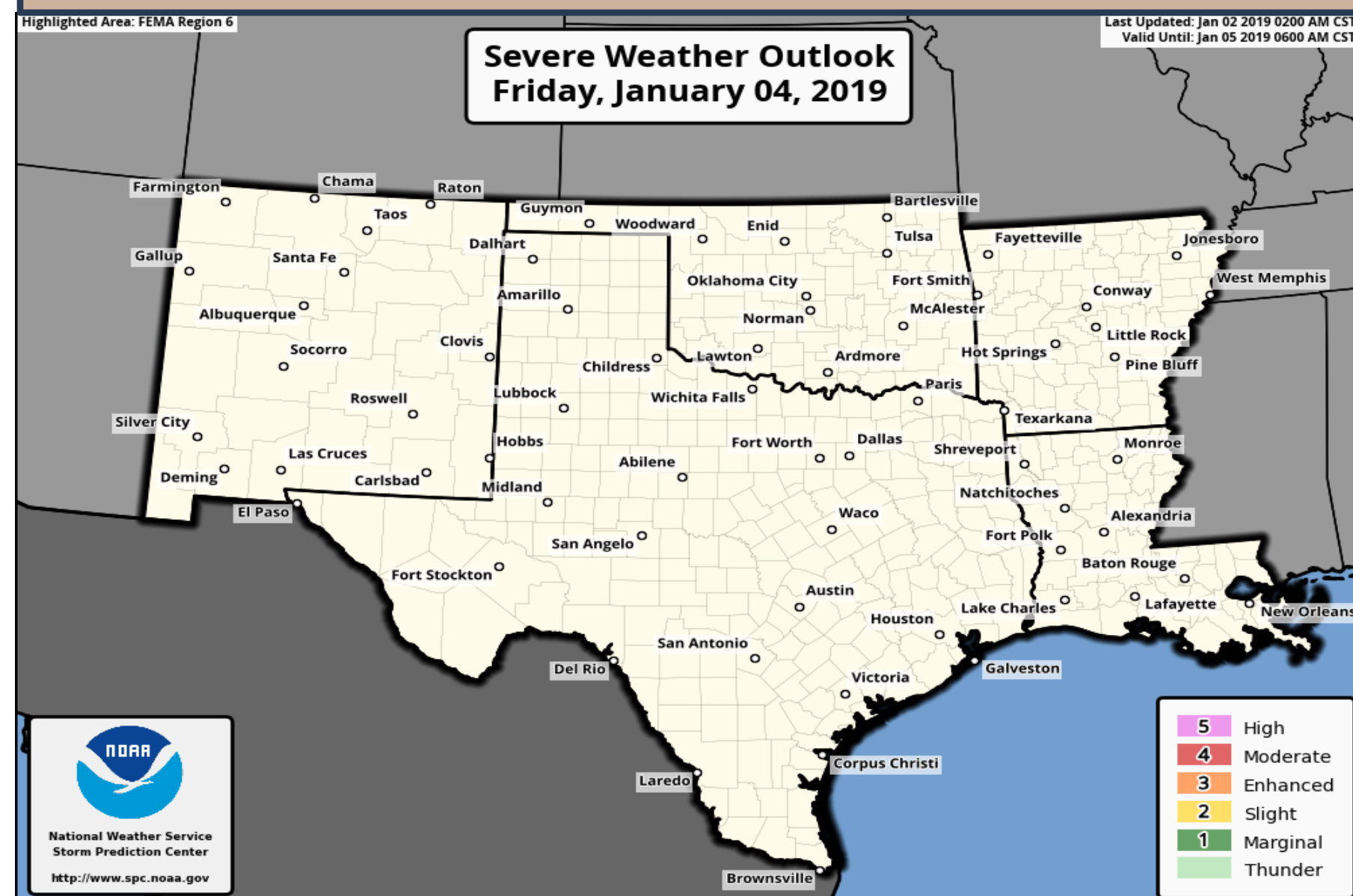
## Forecast Rainfall



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**No Significant Weather  
Impacts expected.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



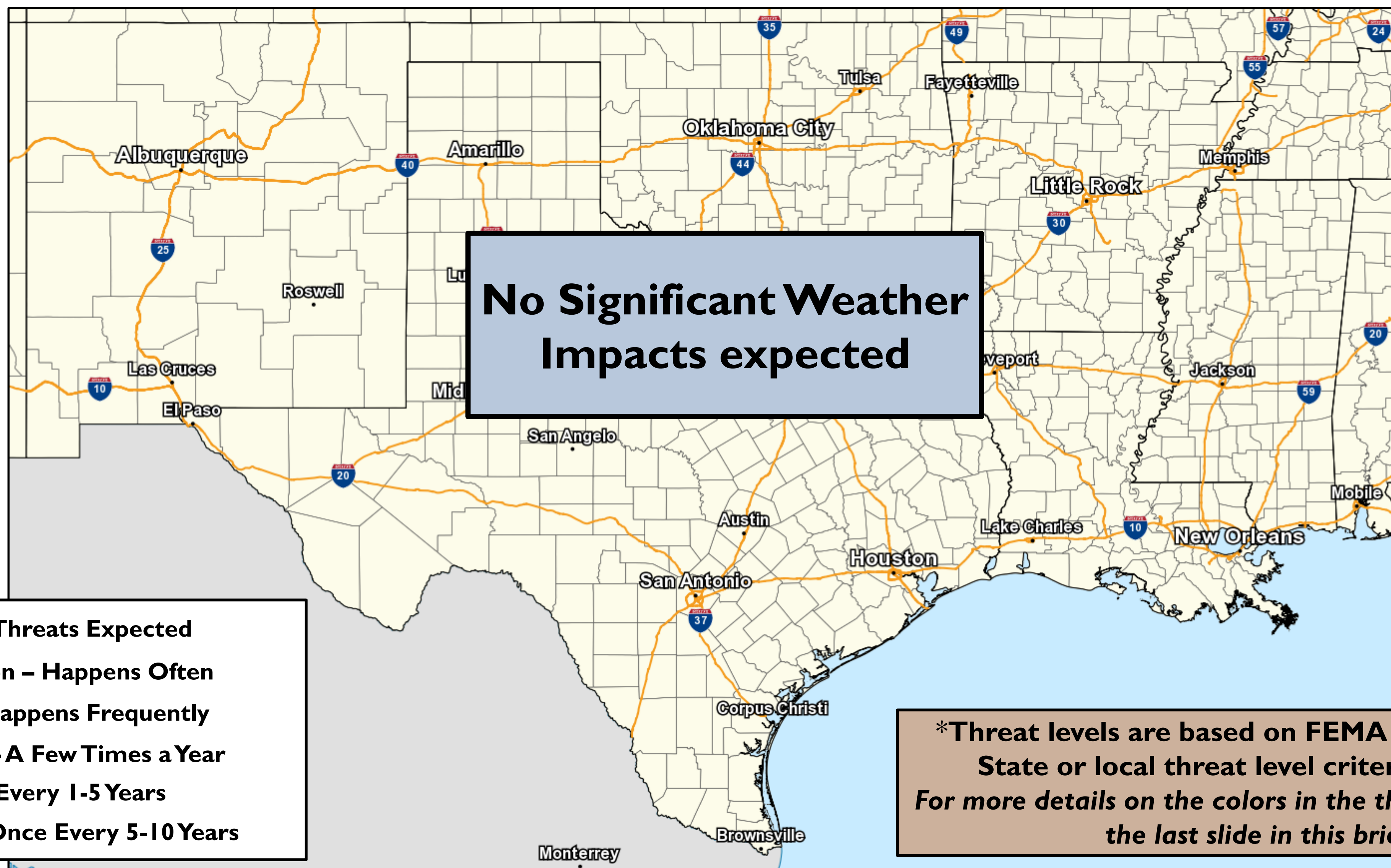


# Days 4-5 Weather Hazards

Saturday – Sunday



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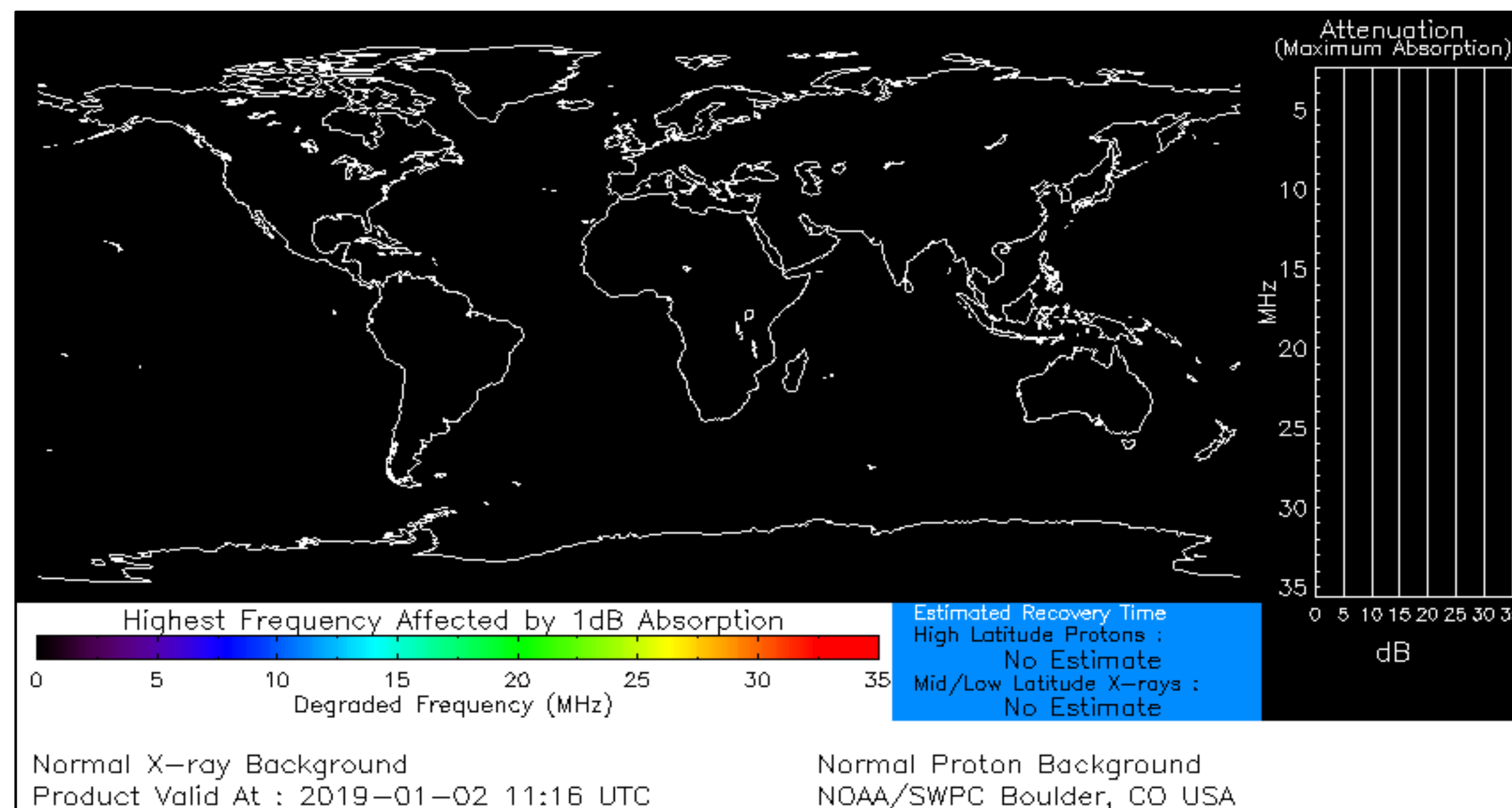


# Space Weather 3-Day Forecast



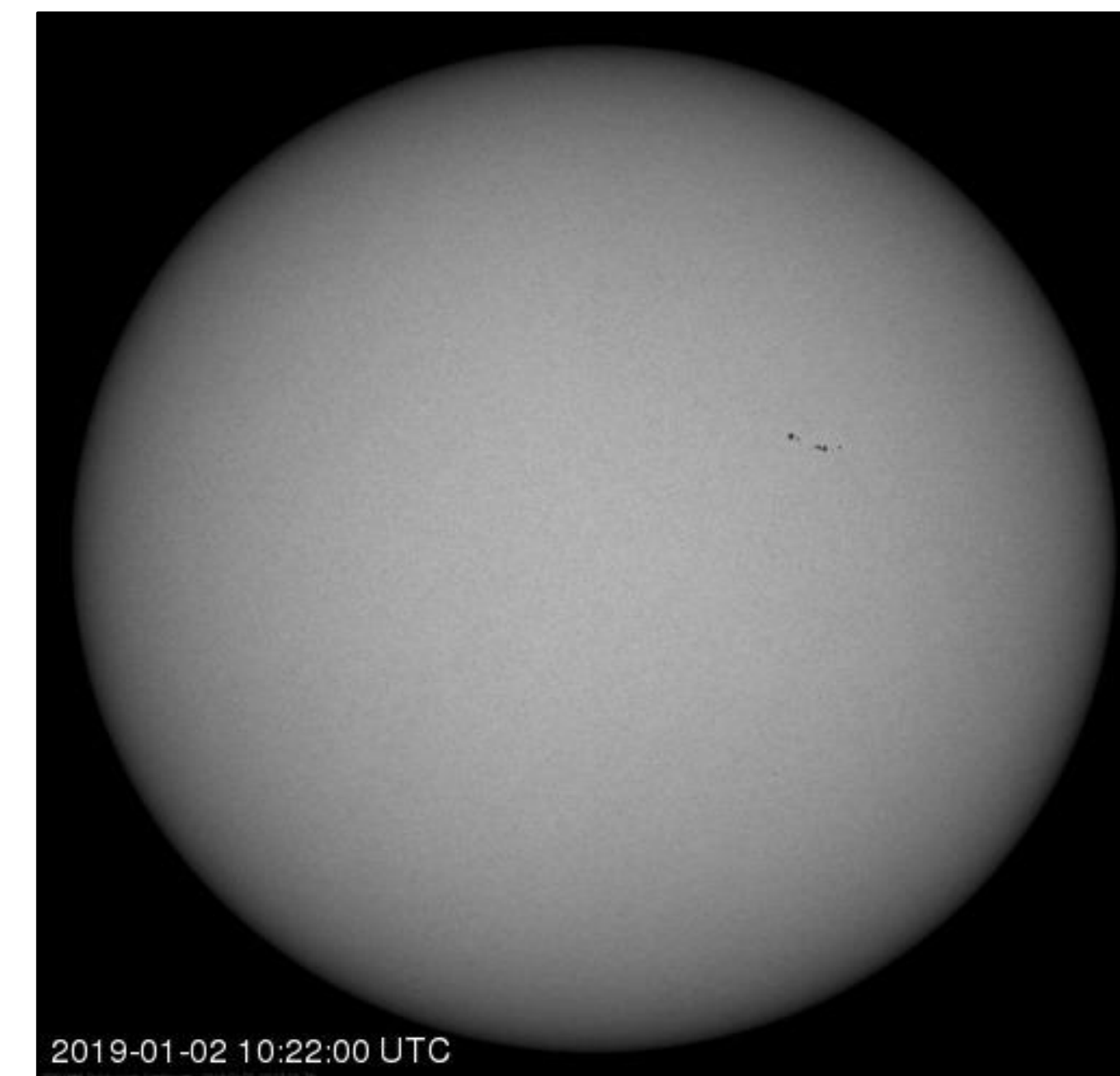
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	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Unsettled to Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**